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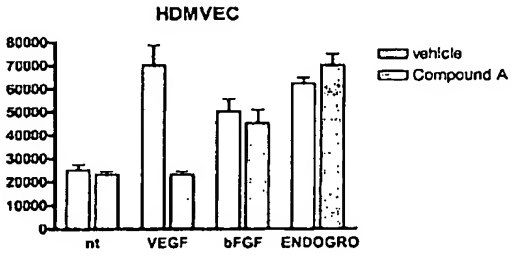
(54) Title: METHOD AND BIOMARKERS FOR DETECTING TUMOR ENDOTHELIAL CELL PROLIFERATION

A



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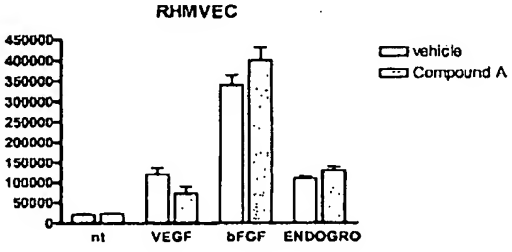

(57) Abstract: Methods, biomarkers and expression signatures are disclosed for assessing the proliferative rate of vascular endothelial cells. More specifically, the invention provides a set of genes which can be used as biomarkers and gene signatures for evaluating the pharmacodynamic effects of cancer therapies designed to regulate the proliferation of endothelial cells in tumor vasculature. In one aspect the invention provides a method of evaluating the efficacy of a compounds designed to inhibit kinase receptor activity, such as a mammalian KDR receptor activity.

WO 2005/098448 A2